

IN THE CLAIMS

This listing of claims replaces all previous listings:

1. (Currently Amended) A battery comprising:

a cathode containing an active material capable of inserting and extracting lithium;

an anode containing an active material capable of inserting and extracting lithium, the anode active material capable of inserting and extracting lithium at a relatively smaller rate than the cathode active material, allowing lithium metal to precipitate on a surface of the anode material during charge; and

an electrolyte,

wherein,

the electrolyte contains anions expressed by Chemical formula 1.

Chemical formula 1



(In Chemical formula 1, each of RF1, RF2, RF3, and RF4 ~~represent~~ represents a perfluoro alkyl group ~~where RF is a~~ of the general formula  $C_nF_{2n+1}$ , where and  $1 \leq n \leq 12$ , whose ~~number of fluorine or carbon is from 1 to 12, respectively.)~~

2. (Cancelled)

3. (Original) A battery according to claim 1,

wherein the anode contains at least one from the group consisting of a carbon material; a simple substance, alloys, and compounds of silicon (Si); and a simple substance, alloys, and compounds of tin (Sn).

4. (Original) A battery according to claim 1, wherein the anode comprises an anode current collector and an anode active material layer formed on the anode current collector by at

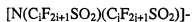
least one method from the group consisting of gas phase method, liquid phase method and sinter method.

5. (Original) A battery according to claim 1, wherein a moisture content in the electrolyte is 100 ppm or less at a mass ration in relation to the electrolyte.

6. (Original) A battery according to claim 1, wherein the electrolyte contains other anions in addition to the foregoing anions.

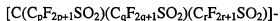
7. (Original) A battery according to claim 6, wherein the electrolyte contains at least one from the group consisting of  $\text{PF}_6^-$ ,  $\text{BF}_4^-$ ,  $\text{ClO}_4^-$ ,  $\text{ASF}_6^-$  anions expressed by Chemical formula 2, and anions expressed by Chemical formula 3 as the other anions.

Chemical formula 2



(In Chemical formula 2, i and j are integer numbers of 1 or more.)

Chemical formula 3



(In Chemical formula 3, p, q, and r are integer numbers of 1 or more.)

8. (Original) A battery according to claim 7, wherein the electrolyte contains of  $\text{PF}_6^-$  and at least one from the group consisting of  $\text{BF}_4^-$ ,  $\text{ClO}_4^-$ ,  $\text{ASF}_6^-$  anions expressed by Chemical formula 2, and anions expressed by Chemical formula 3 as the other anions.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Cancelled)